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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Maligeorgos, James  
Title: Voltage Controlled Quadrature Oscillator With Phase Tuning  
Serial No.: 09/776,392 Filing Date: February 2, 2001  
Examiner: Joseph Chang Group Art Unit: 2817  
Docket No.: 39823-P002US  
(f/k/a M-12181 US)

COMMISSIONER FOR PATENTS  
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Alexandria, VA 22313-1450

**RECEIVED**

Dallas, Texas  
October 14, 2004

OCT 22 2004

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**RESPONSE TO NON-FINAL OFFICE ACTION DATED 4/14/04**

**I. INTRODUCTORY COMMENTS**

Dear Sir:

This paper is responsive to the Office Action dated April 14, 2004, having a shortened statutory period expiring on July 14, 2004. A petition for a three-month extension of time is included herewith. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

**Remarks** begin on page 2 of this paper; and the **Conclusion** begins on page 6 of this paper.